

**California Department of Conservation  
Farmland Mapping and Monitoring Program**

**2002 FIELD REPORT**

**COUNTY:** Shasta

**FIELD MAPPER(S):** Larelle Burkham-Greydanus

**IMAGERY:**

source: NASA-Ames Research  
date: 9-07-01  
scale: 1:130,000  
type: CIR  
coverage gaps: none  
additional imagery: Landsat Thematic Mapper:2000-2002

**WRITTEN, DIGITAL & ORAL INFORMATION SOURCES:** *Please list which local governments, interest groups, or individuals submitted comments on the 2000 maps. Also list all phone and in-person contacts made or related GIS data referenced while conducting the 2002 update.*

➤ *local review comments* none

➤ *personal contacts:*  
Ross Tomland  
Shasta College  
(530) 225-4660

➤ *websites:* <http://www3.shastacollege.edu/studev/tour/tourmap.htm>

➤ *GIS data referenced:* none

**2000-2002 CHANGES\*:** *Please summarize the most common changes to the maps. List representative locations (quads) of each type of change encountered. Make sure to list and describe particularly large, unusual or notable changes and give estimates of the acreage involved.*

➤ **Irrigated Farmland to Urban Land**

There were 4 changes of Prime and Statewide land to Urban Land in this category. The largest total found on the Cottonwood quad, which had been fallow 3 cycles and had buildings present (~20 ac).

➤ **Local, Grazing or Other Land to Urban Land**

This update has 17 changes primarily of Other Land to Urban Land with most of the changes occurring on the Redding quad (near or in Redding). There were ~125 acres of primarily new homes on the Redding quad. The Enterprise quad had ~100 acres of change for new buildings and a road adjacent to the airport. There were ~40 acres of new homes developed on Other Land on the Project City quad. Lastly, on the Shasta Dam quad there were ~55 acres of new commercial buildings.

➤ **Irrigated Farmland to Local or Grazing Land**

A total of 27 changes occurred with Prime, Statewide Farmland to Local or Grazing Land. The largest acre of change occurring because of irrigated farmland was found growing dry grains for the 6<sup>th</sup> year. Enterprise quad had ~360 acres of change to Local or Grazing. On the Clough Gulch quad there were ~160 acres of dry grain changes. The other changes were because of cropland going fallow for 6 years minimum including ~250 acres each on the Balls Ferry and Olinda quads.

➤ **Irrigated Farmland to Other Land**

The most changes (40) for all of Shasta County occurred in this category of Prime and Statewide to Other Land. The Cottonwood quad had 16 changes for a total of ~310 acres. On the Enterprise quad ~120 acres converted to Other Land because of subdivision into ranchettes (seen usually as 1 to 5 acres lots in this area). The Palo Cedro quad had ~200 acres of change associated with ranchette development as well.

➤ **Local, Grazing or Other Land to Irrigated Farmland**

none

➤ **Local, to Grazing or Other Land**

There were 14 changes with the largest total change in this category occurring on the Whitmore quad for ~140 acres. This change occurred because of the land being found non-irrigated and not farmed for 6 years.

➤ **UNUSUAL:** *Category changes, complications with the Farmland of Local Importance definition, or any other special circumstances in 2002.*

none

**PROBLEM AREAS:** *What locations and map categories need careful checking in 2004? Why?*

Redding and Anderson areas; including surrounding rural residential areas. This is because of continued subdivision of land into smaller parcels in the middle of designated large lot developments and more urbanization on the outskirts of these cities.

**LABOR ESTIMATE:** *Please estimate the amount of time spent on the following tasks.*

<i>photo interpretation, start date:</i>	8/1/03
<i>photo interpretation, number of days:</i>	4
<i>ground truthing dates:</i>	8/11/03
<i># days for map compilation and clean up:</i>	6

\* **Note: Irrigated Farmland** = Prime Farmland, Farmland of Statewide Importance or Unique Farmland; **Local** = Farmland of Local Importance

*Further information on the Farmland Mapping and Monitoring Program can be found at:*

[www.consrv.ca.gov/dlrp/fmmp](http://www.consrv.ca.gov/dlrp/fmmp)